

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13551	((IEEE "1394" FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:44
L2	50	((IEEE "1394" FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1) and (set-top-box (satellite near receiver\$1)) and (serial class manufacturer version)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:44
L3	32	((IEEE NEAR "1394") FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1) and (set-top-box (satellite near receiver\$1)) and (serial class manufacturer version)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 11:36
L4	30	((IEEE NEAR "1394") FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1) and (set-top-box (satellite near receiver\$1)) and ((serial near number\$1) class manufacturer (software near version))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:44
L5	32	((IEEE NEAR "1394") FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1) and (set-top-box (satellite near receiver\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:44
L6	2	((IEEE NEAR "1394") FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1) and (set-top-box (satellite near receiver\$1)) not (((IEEE NEAR "1394") FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1) and (set-top-box (satellite near receiver\$1)) and ((serial near number\$1) class manufacturer (software near version))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:44
L7	250	((IEEE NEAR "1394") FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:44

L8	874	((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1)	USPAT	OR	OFF	2005/09/09 10:44
L9	38110	(EMS or NMS or ((element\$ or network\$ ) adj1 manag\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:44
L10	13966	(EMS or NMS or ((element\$ or network\$ ) adj1 manag\$))	USPAT	OR	OFF	2005/09/09 10:44
L11	10023	((EMS NMS (element\$ or network\$)) adj1 manag\$)	USPAT	OR	OFF	2005/09/09 10:44
L12	127	((EMS NMS (element\$ or network\$)) adj1 manag\$) and ("IEEE 1394" (IEEE1394))	USPAT	OR	OFF	2005/09/09 10:44
L13	182	((EMS NMS (element\$ or network\$)) adj1 manag\$) and ("IEEE 1394" (IEEE1394) firewire)	USPAT	OR	OFF	2005/09/09 10:44
L14	59	((EMS NMS (element\$ or network\$)) adj1 manag\$) same (SNMP same (agent\$1 or manag\$3)) and ("IEEE 1394" (IEEE1394) firewire)	USPAT	OR	OFF	2005/09/09 10:44
L15	34	((EMS NMS (element\$ or network\$)) adj1 manag\$) same (SNMP same (agent\$1 or manag\$3)) and ("IEEE 1394" (IEEE1394) firewire) and smart\$4	USPAT	OR	OFF	2005/09/09 10:44
L16	116	((EMS NMS (element\$ or network\$)) adj1 manag\$) same (SNMP same (agent\$1 or manag\$3)) and smart\$4 not (((EMS NMS (element\$ or network\$)) adj1 manag\$) same (SNMP same (agent\$1 or manag\$3)) and ("IEEE 1394" (IEEE1394) firewire) and smart\$4)	USPAT	OR	OFF	2005/09/09 10:44
L17	53	((EMS NMS (element\$ or network\$)) adj1 manag\$) same (SNMP same (agent\$1 or manag\$3)) and ("IEEE 1394" (IEEE1394) firewire) and (poll\$3 identifying identification identified)	USPAT	OR	OFF	2005/09/09 10:44
L18	4	((EMS NMS (element\$ or network\$)) adj1 manag\$) same (SNMP same (agent\$1 or manag\$3)) and ("IEEE 1394" (IEEE1394) firewire) and (poll\$3 identifying identification identified) and (storage medium) and (sent near5 address)	USPAT	OR	OFF	2005/09/09 10:44

L19	0	((EMS NMS (element\$ or network\$)) adj1 manag\$) and ("IEEE 1394" (IEEE1394)) and ((mobile cellphone cellular pda portable) with (smart near2 (chip card))))	USPAT	OR	OFF	2005/09/09 10:44
L20	24	((EMS NMS (element\$ or network\$)) adj1 manag\$) and (bus with interface\$1) and ((mobile cellphone cellular pda portable) with (smart near2 (chip card))))	USPAT	OR	OFF	2005/09/09 10:44
L21	23	((EMS NMS (element\$ or network\$)) adj1 manag\$) and (bus with interface\$1) and ((mobile cellphone cellular pda portable) with (smart near2 (chip card)))) and (poll\$3 identifying identification identified)	USPAT	OR	OFF	2005/09/09 10:44
L22	24	((EMS NMS (element\$ or network\$)) adj1 manag\$) and (bus with interface\$1) and ((mobile cellphone cellular pda portable) with (smart near2 (chip card))))	USPAT	OR	OFF	2005/09/09 10:44
L23	48	((EMS NMS (element\$ or network\$)) adj1 manag\$) and (bus with interface\$1) and (mobile cellphone cellular pda portable) and (stor\$3 with (smart near2 (chip card))))	USPAT	OR	OFF	2005/09/09 10:44
L24	15	((EMS NMS (element\$ or network\$)) adj1 manag\$) and (SNMP same (agent\$1 or manag\$3)) and (mobile cellphone cellular pda portable) and (stor\$3 with (smart near2 (chip card))))	USPAT	OR	OFF	2005/09/09 10:44
L25	51	(schroder near ernst).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 12:50
L26	11115	(709/224,217,235 455/428,433, 127.1,445).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L27	322	((EMS NMS (element\$ or network\$)) adj1 manag\$) and (SNMP same (agent\$1 or manag\$3)) and ((709/224,217, 235 455/428,433,127.1,445).ccls.))	USPAT	OR	OFF	2005/09/09 10:45

L28	134	(IEEE "1394" FIREWIRE) and (poll\$3 detect\$3) and (((EMS NMS (element\$ or network\$)) adj1 manag\$) and (SNMP same (agent\$1 or manag\$3)) and ((709/224,217,235 455/428,433,127.1,445).ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L29	25	(IEEE1394 (IEEE NEAR "1394") FIREWIRE) and (poll\$3 detect\$3) and (((EMS NMS (element\$ or network\$)) adj1 manag\$) and (SNMP same (agent\$1 or manag\$3)) and ((709/224,217,235 455/428,433,127.1,445).ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L30	292	(IEEE "1394" FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and (home near network)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L31	169	(IEEE "1394" FIREWIRE) and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and (home near network) and ((serial near number\$1) class manufacturer (software near version))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L32	3	(IEEE "1394" FIREWIRE) and (((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) with (characteristic\$1 (serial near number\$1) class manufacturer (software near version))) and (home near (network automation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L33	12	(IEEE "1394" FIREWIRE) and (((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) with (characteristic\$1 (serial\$1) manufacturer (version\$1))) and (home near (network automation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L34	21	((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) with (characteristic\$1 (serial\$1) manufacturer (version\$1))) and (home near (network automation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L36	57	((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) with (characteristic\$1 (serial\$1) manufacturer (version\$1))) and (distribut\$3 near2 control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L37	1399	(home near network) and (computer near system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45

L38	274	(home near network) and (computer near system) and (IEEE near "1394")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 10:45
L39	2954	(710/301,109,305,46,15).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 11:32
L40	24	39 and (home adj (system network automation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 11:33
L41	1	40 and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1) and (set-top-box (satellite near receiver\$1)) and (serial class manufacturer version)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 11:38
L42	1	40 and ((poll\$3 detect\$3) near2 (device\$1 equipment\$1)) and ((smart chip) near2 card\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 11:38
L43	1	40 and ((poll\$3 detect\$3) with (device\$1 equipment\$1 machine\$1 instrument\$1)) and ((smart chip) adj2 card\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 11:39
L44	33	39 and ((poll\$3 detect\$3) with (device\$1 equipment\$1 machine\$1 instrument\$1)) and ((smart chip) adj2 card\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/09 11:40
L45	0	(plurality adj device and home adj bus adj interface and IEEE adj "1394" and polls and system adj data).clm.	US-PGPUB	OR	OFF	2005/09/09 12:53
L46	0	(serial adj number and manufacturer adj mark and device adj class and mobile adj3 medium).clm.	US-PGPUB	OR	OFF	2005/09/09 12:54
L47	0	(mobile adj digital and smart adj card and chip adj card and devices).clm.	US-PGPUB	OR	OFF	2005/09/09 12:55


Terms used **bus interface polling devices home network**

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Shubhendu S. Mukherjee, Babak Falsafi, Mark D. Hill, David A. Wood

May 1996 **ACM SIGARCH Computer Architecture News , Proceedings of the 23rd annual international symposium on Computer architecture**, Volume 24 Issue 2

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Historically, processor accesses to memory-mapped device registers have been marked uncachable to insure their visibility to the device. The ubiquity of snooping cache coherence, however, makes it possible for processors and devices to interact with cachable, coherent memory operations. Using coherence can improve performance by facilitating burst transfers of whole cache blocks and reducing control overheads (e.g., for polling). This paper begins an exploration of network interfaces (NIs) that u ...

# 2 [Accelerating shared virtual memory via general-purpose network interface support](#)

Angelos Bilas, Dongming Jiang, Jaswinder Pal Singh

February 2001 **ACM Transactions on Computer Systems (TOCS)**, Volume 19 Issue 1

Full text available:  [pdf\(178.88 KB\)](#)

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Clusters of symmetric multiprocessors (SMPs) are important platforms for high-performance computing. With the success of hardware cache-coherent distributed shared memory (DSM), a lot of effort has also been made to support the coherent shared-address-space programming model in software on clusters. Much research has been done in fast communication on clusters and in protocols for supporting software shared memory across them. However, the performance of software virtual memory (SVM) is sti ...

**Keywords:** applications, clusters, shared virtual memory, system area networks

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E. P. Vasilakopoulou, G. E. Karastergios, G. D. Papadopoulos

April 2003 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 7 Issue 2

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Additional Information: [full citation](#), [abstract](#), [references](#)

In recent years, wireless communication systems have experienced an enormous development, leading to the emergence of various wireless networks standards. These standards are characterized by different properties, such as their coverage, data rates, mobility and QoS support. Among them the HiperLan/2 standard is distinguished of its performance, supporting the provision of high-speed integrated services. Its centralized Medium Access Control protocol though is the most critical and complex funct ...

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Steven K. Reinhardt, Robert W. Pfile, David A. Wood

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